## **CLAIMS ONLY**

SERIAL NO FILING DATE

APPLICANT(S)

CLAIMS

| 1               | AS FILED                   |   | 1st AME  | AFTER 1st AMENDMENT |  | AFTER 2nd AMENDMENT |  |
|-----------------|----------------------------|---|--|---------------------|--|---------------------|--|
|                 | IND.                       | DEP.  | IND.   | DEP.                | IND.   | DEP.                |  |
| . +             | IND.                       | DEF.  |  | DCr.                | <del>  ""-</del>                                 | +                   |  |
| <u> </u>        | i                          | ļ   | <b>!</b> —                                       |                     | -  | <del> </del>        |  |
| 2               |                            | 1   |  | -                   |  | -                   |  |
| 3               |                            | 1   |  | ļ                   | L  | <b></b>             |  |
| 4               |                            | <u> </u>  | L  | <u> </u>            | L  |                     |  |
| 5               |                            | 1   |  |                     | <u> </u>   |                     |  |
| 6               |                            |   |  |                     | Ţ  |                     |  |
| 7               |                            | 1   |  |                     | 1  |                     |  |
| 8               |                            |   |  | T                   |  |                     |  |
| 9               |                            | 1   | İ  |                     | 1  |                     |  |
| 10              | -                          |   | <u>†                                      </u>   |                     | <u> </u>   | <b>†</b>            |  |
| 11              |                            | <del> </del>                                      | <u> </u>   | 1                   | <b>†</b>   | 1                   |  |
| 12              |                            | †   | <del>                                     </del> | †                   | <del>                                     </del> | <u> </u>            |  |
| t               |                            | 1   | t  | +                   | <del>                                     </del> | 1                   |  |
| 13              |                            | <del>  '                                   </del> | <del> </del>                                     | ·                   | +  | <del></del>         |  |
| 14              |                            | <del>                                     </del>  | <del> </del>                                     | <u> </u>            | <del>                                     </del> | <del> </del>        |  |
| 15              |                            |   |  | <del> </del>        | <del> </del>                                     |                     |  |
| 16              |                            | + + -   | -  | 1                   | 1  | <del> </del>        |  |
| 17              |                            | <del>                                     </del>  | <del> </del>                                     | <del> </del>        | <b>.</b>   |                     |  |
| 18              |                            | 1   |  | -                   | <b>-</b>   |                     |  |
| 19              |                            | <b>.</b>  | -  | -                   | <b></b>  | <del> </del>        |  |
| 20              |                            | ļ.,   |  | <b></b>             | ļ  |                     |  |
| 21              |                            |   | ļ  |                     | ļ  | -                   |  |
| 22              |                            |   |  | ļ                   | <u> </u>   | ļ                   |  |
| 23              |                            |   |  | ļ                   |  |                     |  |
| 24              |                            | <u> </u>  |  |                     | <u> </u>   |                     |  |
| 25              |                            |   | 1  |                     |  |                     |  |
| 26              |                            | 1 :   |  | 1                   | 1  | 1                   |  |
| 27              |                            |   |  |                     |  |                     |  |
| 28              |                            |   | 1  |                     |  |                     |  |
| 29              |                            |   |  |                     |  |                     |  |
| 30              |                            |   |  |                     |  | 1                   |  |
| 31              |                            | 1   |  | 1                   | Ť  |                     |  |
| 32              |                            |   | 1  | T                   |  |                     |  |
| 33              |                            | 1   | 1  |                     | 1  |                     |  |
| 34              |                            | 1   | 1  |                     |  |                     |  |
| 35              |                            | 1   | +  | +                   | † ···-   |                     |  |
| 36              |                            | +   | +  | +                   | _  | 1                   |  |
| 37              |                            | +   | +  | +                   | <del>                                     </del> | +                   |  |
| 38              |                            | +   | +  | +                   | 1  |                     |  |
| 39              |                            | +   | -  | +                   | +  | <del> </del>        |  |
| 40              |                            | +   | +  | -                   | +  | +                   |  |
|                 |                            | +   | <del> </del> -                                   | +                   | <del> </del>                                     | +                   |  |
| 41              |                            |   |  |                     |  | +                   |  |
| 42              |                            |   | -  | +                   | -  |                     |  |
| 43              |                            | ļ   | <u> </u>   |                     |  | +                   |  |
| 44              |                            |   |  |                     | -  |                     |  |
| 45              | L                          | <del></del>                                       | 1  |                     | 1  |                     |  |
| 46              |                            | <b>.</b>  | 1  | -                   | 4  |                     |  |
| 47              |                            |   | <u> </u>   |                     | <b>_</b>   |                     |  |
| 48              |                            |   | <u> </u>   |                     | 1  |                     |  |
| 49              |                            |   |  |                     |  |                     |  |
| 50              |                            |   |  |                     |  |                     |  |
| TOTAL           |                            | 1   | Ī  | ı                   |  | 1                   |  |
| IND.            | <del></del>                | <b>-</b>  |  | <b>-</b>            | $\vdash$   | <b>⊸</b> * .        |  |
| DEP.            | $\mathcal{A}_{\mathbf{k}}$ |   |  |                     |  |                     |  |
| TOTAL<br>CLAIMS | 21                         | *:  |  | \$ . S              |  | 100                 |  |

| ,                       | *  |  | *  |              | *  | *  |  |  |
|-------------------------|--|--|--|--------------|--|--|--|--|
|                         | IND.   | DEP.   | IND  | DEP.         | IND.   | DEP.   |  |  |
| 51                      | IND.   | UEP.   | IND.   | UEP.         | IMD.   | JEP.   |  |  |
| 51                      | $\vdash$   |  | <del>  -</del>                                   | +            |  |  |  |  |
| 53                      | <del>                                     </del> |  | <del> </del>                                     | +            | -  |  |  |  |
| 53                      | <del>                                     </del> |  | <del> </del>                                     | +            | ļ  |  |  |  |
| 55                      | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | +            | <b>†</b>   |  |  |  |
| 56                      | t  | <del>                                     </del> | <del>                                     </del> | †            | <b> </b>   | <u> </u>   |  |  |
| 57                      | <del> </del>                                     | <del> </del>                                     | <del></del>                                      | +            | -  | <u> </u>   |  |  |
| 58                      |  |  | 1  |              |  |  |  |  |
| 59                      |  |  |  | 1            |  |  |  |  |
| 60                      |  |  | 1  |              | 1  |  |  |  |
| 61                      | 1  |  |  |              |  |  |  |  |
| 62                      |  |  |  |              |  |  |  |  |
| 63                      |  | <u> </u>   |  |              |  |  |  |  |
| 64                      |  |  |  | <u> </u>     |  |  |  |  |
| 65                      | L  |  |  |              | L  |  |  |  |
| 66                      |  |  |  |              |  |  |  |  |
| 67                      |  |  |  |              |  |  |  |  |
| 68                      |  |  | <b></b>  | ļ            |  |  |  |  |
| 69                      |  | -  | <u> </u>   |              |  |  |  |  |
| 70                      | <u> </u>   | <u> </u>   |  | <del></del>  | <u> </u>   | <u> </u>   |  |  |
| 71                      | <u></u>  |  | ļ  | ļ            | ļ  | ļ  |  |  |
| 72                      | <b></b>  | ļ  | <b></b>  |              | <del> </del>                                     | -  |  |  |
| 73                      | -  |  | <b>_</b>   | <del>-</del> | <del>                                     </del> | ļ  |  |  |
| 74                      |  | -  | <b> </b>   | -            | <b>_</b>   | ļ  |  |  |
| 75                      | <b>1</b>   | <del> </del>                                     | <del></del>                                      | -            | <del> </del>                                     | ļ  |  |  |
| 76                      | -  | <b></b>  |  | +            | <u> </u>   | ļ  |  |  |
| 77                      | <u> </u>   | -  | 1  | +            | -  | <u> </u>   |  |  |
| 78                      | <b></b>  | -  |  | +            | -  | <del> </del>                                     |  |  |
| 79                      | +  | -  | <del> </del>                                     | +            | <del> </del>                                     | -  |  |  |
| 80                      | <del> </del>                                     | +  | +  | +            | +  | <del>                                     </del> |  |  |
| 81                      | <del> </del>                                     | +  | +  | 1            | +  |  |  |  |
| 83                      | +  | +  | <b>†</b>   | +            |  |  |  |  |
| 84                      | †  | <del>                                     </del> |  |              | 1  | <b>†</b>   |  |  |
| 85                      | +  | +  | 1  | 1            | <del>                                     </del> |  |  |  |
| 86                      | 1  | 1  | 1  |              | 1  | -  |  |  |
| 87                      | 1  |  |  |              | 1  |  |  |  |
| 88                      |  |  | 1  |              | <u> </u>   | Ι  |  |  |
| 89                      | <u> </u>   | I  | <u> </u>   | <u> </u>     |  |  |  |  |
| 90                      |  |  | $L^{}$   | $\Box$       |  |  |  |  |
| 91                      |  | 1  |  |              | <u> </u>   |  |  |  |
| 92                      |  |  |  |              |  |  |  |  |
| 93                      | ļ  | <b></b>  | <u> </u>   |              |  |  |  |  |
| 94                      |  | <u> </u>   |  |              | <u> </u>   |  |  |  |
| 95                      |  | ļ  |  |              | ļ  | <u> </u>   |  |  |
| 96                      |  | -  | 1  |              | 1  | <u> </u>   |  |  |
| 97                      | <u> </u>   | ļ  |  | 1            | <b> </b>   |  |  |  |
| 98                      | <u> </u>   | ļ  |  |              | <b></b>  | +  |  |  |
| 99                      | <u> </u>   | +  | 1  |              | +  | -  |  |  |
| 100                     | <del> </del>                                     | +  | <del> </del>                                     | -            | +  | <del> </del>                                     |  |  |
| TOTAL<br>IND.           | 1  | ] [1   |  |              |  |  |  |  |
| TOTAL<br>DEP.           | 1  | ~ <b>—</b>                                       |  | - <b>(-</b>  |  | <b>—</b>   |  |  |
| DEP.<br>TOTAL<br>CLAIMS |  |  |  |              |  |  |  |  |
| CLAIMS                  | ч  |  | <b>,</b>   |              | <b>-</b>   |  |  |  |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office